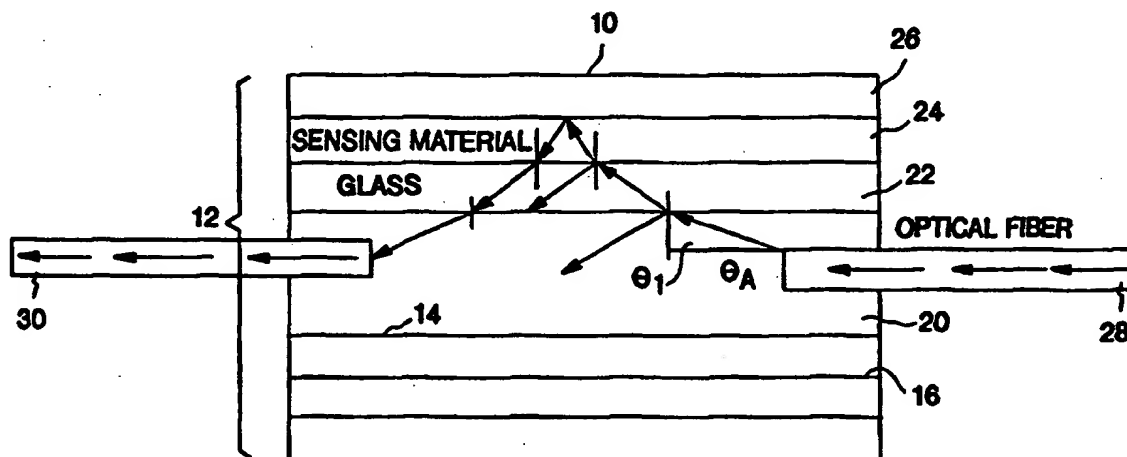




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(54) Title: ACTIVE STRAIN GAGES FOR EARTHQUAKE DAMAGE ASSESSMENT



(57) Abstract

The optical waveguide sensor (10) is comprised of a housing (12) having an exterior (16) and an interior surface (14). The exterior surface (16) is coated with at least two layers, the first layer comprised of a low index of refraction material (24) and the second layer comprised of a highly reflective material (26). The housing is in communication with first (28) and second (30) optical fibers.

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